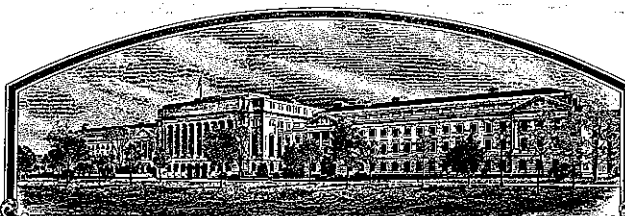


No.

9700011



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

Hybri Tech Seed International, A Unit of Monsanto Company

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED, PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE ABOVE PURPOSE, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. IN THE UNITED STATES SEED OF THIS VARIETY (1) SHALL BE SOLD BY VARIETY NAME ONLY AS A SEED OF CERTIFIED SEED AND (2) SHALL CONFORM TO THE NUMBER OF GENERATIONS SPECIFIED BY THE OWNER OF THE SEED. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

WHEAT, COMMON

'Oro Blanco'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this thirtieth day of September, in the year of our Lord one thousand nine hundred and ninety-nine.

Attest:



Rolt W. Schuyler
Acting Commissioner
Plant Variety Protection Office
Agricultural Marketing Service

John G. Hickman
Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE DIVISION - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE

(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a).

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

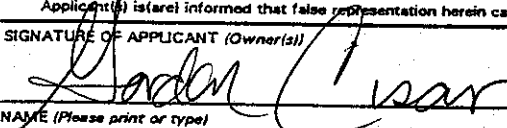
1. NAME OF APPLICANT(S) (as it is to appear on the Certificate)		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER	3. VARIETY NAME
HybriTech Seed International, a unit of Monsanto Company		W88-2619W	Oro Blanco
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country)		5. TELEPHONE (include area code)	FOR OFFICIAL USE ONLY PVPO NUMBER 9700011 DATE Oct. 15, 1996 FILING AND EXAMINATION FEE \$2,450.00 DATE Oct. 15, 1996 CERTIFICATION FEE \$20.00 DATE 8/10/99
5912 N. Meridian Street Wichita, Kansas 67204-1699		316-755-1249	
6. FAX (include area code)			
316-755-0072			
7. GENUS AND SPECIES NAME	8. FAMILY NAME (Botanical)		
Triticum aestivum	Gramineae		
9. CROP KIND NAME (Common name)			
Hard White Winter Wheat			
10. IF THE APPLICANT NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) (Common name)			
Corporation			
11. IF INCORPORATED, GIVE STATE OF INCORPORATION		12. DATE OF INCORPORATION	
Delaware		1933	
13. NAME AND ADDRESS OF APPLICANT REPRESENTATIVE(S), IF ANY, TO SERVE IN THIS APPLICATION AND RECEIVE ALL PAPERS			14. TELEPHONE (include area code)
Dr. Gordon Cisar P.O. Box 1320 806 N. Second Street Berthoud, CO 80513			970-532-9840
OR Robert Bruns (Agripro Seeds Inc.) 806 N. Second Street P.O. Box 30 Berthoud, CO 80513 (970-532-3721)			15. FAX (include area code)
			970-532-2035
16. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse)			
a. <input type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of the Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Applicant's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,600 viable untreated seeds or, for tuber propagated varieties verification that tissue culture will be deposited and maintained in a public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2,450), made payable to "Treasurer of the United States" (Mail to PVPO)			
17. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE SOLD BY VARIETY NAME ONLY, AS A CLASS OF CERTIFIED SEED? (See Section 83(a) of the Plant Variety Protection Act?)			
<input checked="" type="checkbox"/> YES (If "yes," answer items 18 and 19 below) <input type="checkbox"/> NO (If "no," go to item 20)			
18. DOES THE APPLICANT SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS?		19. IF "YES" TO ITEM 18, WHICH CLASSES OF PRODUCTION BEYOND BREEDER SEED?	
<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		<input type="checkbox"/> FOUNDATION <input checked="" type="checkbox"/> REGISTERED <input checked="" type="checkbox"/> CERTIFIED	
20. HAS THE VARIETY OR A HYBRID PRODUCED FROM THE VARIETY BEEN RELEASED, USED, OFFERED FOR SALE, OR MARKETED IN THE U.S. OR OTHER COUNTRIES?			
<input checked="" type="checkbox"/> YES (If "yes," give names of countries and dates) <input type="checkbox"/> NO			
Sold in the U.S.A. Fall of 1996.			
21. The applicant(s) declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate.			
The undersigned applicant(s) is(are) the owner(s) of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 41, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act.			
Applicant(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.			
SIGNATURE OF APPLICANT (Owner(s))		SIGNATURE OF APPLICANT (Owner(s))	
			
NAME (Please print or type)		NAME (Please print or type)	
Dr. Gordon Cisar			
CAPACITY OR TITLE	DATE	CAPACITY OR TITLE	DATE
Senior Project Leader, HRW Research	10/1/96		

Exhibit A.

Origin and Breeding History of Oro Blanco

Oro Blanco was an F3 derived single plant selection from the cross Vona /3/ Nadadores 63 / CO652643 // Centurk /4/ Rio Blanco. CO652643 was an F3 line (plot 65F2643) grown at the Fort Collins Experiment station in 1965 by Dr. Byrd Curtis. It originated from an F2 plant selected at Fort Collins in 1964 from plot 64F2466. The F1 (N62160) seed of this cross was obtained by Dr Curtis from the Nebraska Experiment Station, courtesy of Drs. John W. Schmidt and Virgil A. Johnson in the summer of 1963. The pedigree of CO652643 is Parker /4/ Nebred /3/ Cheyenne // Kenya / Mentana. Dr. Curtis made the following additional crosses: Nadadores 63 / CO652643 // Centurk. The F2 generation of this cross was made available to Agripro Seeds, Inc. (formerly North American Plant Breeders) for random plant selection. The selected plants were bulked and evaluated as an F3 population in 1973 at Berthoud, CO. An F5 plant selection was made from this population in Berthoud, CO in 1975 on the basis of high tillering capacity and good leaf complex scores. This selection was subsequently tested in replicated trials under the experimental designation, W76-1141. W76-1141 was crossed to Vona in 1977 at Berthoud, CO. An F3 plant selection was made from this population on the basis of medium maturity and the absence of leaf rust in 1979 and subsequently tested in replicated trials under the experimental designation, W81-133. The final cross to Rio Blanco was made in 1984 in Berthoud, Colorado. In 1987 an F3 plant selection, based upon plant height, fertility, and absence of leaf rust, was made at Berthoud, Colorado. The resulting F4 plant row was tested in preliminary yield trials in 1988 and has been subsequently tested in replicated trials from 1989 through 1995. These replicated trials represent a broad geographic area in the Hard Winter Wheat region. Oro Blanco has been tested in selected university trials and in the Southern Regional Performance Nursery under the designation W88-2619W.

In 1992, 96 headrows were planted in Berthoud, Colorado. The rows with uniform appearance were individually harvested and planted as a progeny row increase that produced 3,600 pounds of breeder seed. A 95 acre breeder seed increase was planted in 1995 which produced 457,200 pounds of foundation seed.

Oro Blanco was uniform and stable in 1994 and 1995. Less than 0.8% of the plants were rogued from the initial seed increase field in 1994. Approximately 80% of the rogued variant plants were taller height wheat plants (6 to 15 cm's), 5% were a blue-green plant color at boot stage and 5% were awnletted wheat plants. Up to 1% variant plants may be encountered in subsequent generations.

Exhibit B.
Statement of Distinctness

Oro Blanco most closely resembles the hard white wheat 'Rio Blanco'. However, it can be easily distinguished by the follow morphological characteristics:

- 1.) Oro Blanco has a recurved flag leaf at boot stage (Berthoud, Colorado 1992, 1993 and 1994). Rio Blanco has an erect flag leaf at boot stage (Berthoud, Colorado 1992, 1993, 1994).
- 2.) Oro Blanco has an apiculate shoulder shape on its glume (Berthoud, Colorado 1992, 1993, 1994). Rio Blanco has an oblique shoulder shape on the glume (Berthoud, Colorado 1992, 1993, 1994).

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
COMMODITIES SCIENTIFIC SUPPORT DIVISION
BELTSVILLE, MARYLAND 20705

EXHIBIT C
(Wheat)

OBJECTIVE DESCRIPTION OF VARIETY
WHEAT (*Triticum* Spp.)

INSTRUCTIONS: See Reverse.

NAME OF APPLICANT(S) HybriTech Seed International, a unit of Monsanto Company	FOR OFFICIAL USE ONLY
ADDRESS (Street and No. or R.F.D. No., City, State, and Zip Code) 5912 N. Meridian Street Wichita, Kansas 67204-1699	PVP NUMBER 9700011 VARIETY NAME OR TEMPORARY DESIGNATION Oro Blanco

Place the appropriate number that describes the varietal character of this variety in the boxes below.
Place a zero in the first box (e.g. or) when number is either 99 or less or 9 or less.

1. KIND:

1 = COMMON 2 = DURUM 3 = CLUB 4 = OTHER (SPECIFY) _____

2. VERNALIZATION:

1 = SPRING 2 = WINTER 3 = OTHER (SPECIFY) _____

3. COLEOPTILE ANTHOCYANIN:

1 = ABSENT 2 = PRESENT

4. JUVENILE PLANT GROWTH:

1 = PROSTRATE 2 = SEMI-ERECT 3 = ERECT

5. PLANT COLOR (boot stage):

1 = YELLOW-GREEN 2 = GREEN 3 = BLUE-GREEN

6. FLAG LEAF (boot stage):

1 = ERECT 2 = RECURVED

1 = NOT TWISTED 2 = TWISTED

7. EAR EMERGENCE:

NUMBER OF DAYS EARLIER THAN Rio Blanco *

NUMBER OF DAYS LATER THAN *

8. ANTER COLOR:

1 = YELLOW 2 = PURPLE

9. PLANT HEIGHT (from soil to top of head, excluding awns)

cm. TALLER THAN _____ Oro Blanco=69cm or equal in height to Rio Blanco *

cm. SHORTER THAN _____ *

* Relative to a PVP-approved commercial variety grown in the same trial.

9700011

10. STEM:

A. ANTHOCYANIN

☐ 1

1 = ABSENT 2 = PRESENT

B. WAXY BLOOM

☐ 2

1 = ABSENT 2 = PRESENT

C. HAIRINESS (last internode of rachis)

☐ 2

1 = ABSENT 2 = PRESENT

D. INTERNODE (specify number) ⁴ _____☐ 1

1 = HOLLOW 2 = SEMI-SOLID 3 = SOLID

E. PEDUNCLE

☐ 1

1 = ERECT 2 = RECURVED

☐ 3☐ 2

cm. PEDUNCLE LENGTH

11. HEAD (at Maturity):

A. DENSITY

☐ 2

1 = LAX 2 = MIDDENSE 3 = DENSE

B. SHAPE

☐ 1

1 = TAPERING 2 = STRAP 3 = CLAVATE 4 = OTHER (specify) _____

C. CURVATURE

☐ 1

1 = ERECT 2 = INCLINED 3 = RECURVED

D. AWNEDNESS

☐ 4

1 = AWNLESS 2 = APICALLY AWNLETED 3 = AWNLETED 4 = AWNED

12. GLUMES (at Maturity):

A. COLOR

☐ 1

1 = WHITE 2 = TAN 3 = OTHER (specify) _____

B. SHOULDER

☐ 6

1 = WANTING 2 = OBLIQUE 3 = ROUNDED 4 = SQUARE 5 = ELEVATED 6 = APICULATE

C. BEAK

☐ 3

1 = OBTUSE 2 = ACUTE 3 = ACUMINATE

D. LENGTH

☐ 2

1 = SHORT (ca. 7mm) 2 = MEDIUM (ca. 8mm) 3 = LONG (ca. 9mm)

E. WIDTH

☐ 1

1 = NARROW (ca. 3mm) 2 = MEDIUM (ca. 3.5mm) 3 = WIDE (ca. 4mm)

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13. SEED:

A. SHAPE

☐ 1

1 = OVATE 2 = OVAL 3 = ELLIPTICAL

B. CHEEK

☐ 1

1 = ROUNDED 2 = ANGULAR

C. BRUSH

☐ 2

1 = SHORT 2 = MEDIUM 3 = LONG

☐ 1

1 = NOT COLLARED 2 = COLLARED

D. CREASE

☐ 11 = WIDTH 60% OR LESS OF KERNEL
2 = WIDTH 80% OR LESS OF KERNEL
3 = WIDTH NEARLY AS WIDE AS KERNEL☐ 11 = DEPTH 20% OR LESS OF KERNEL
2 = DEPTH 35% OR LESS OF KERNEL
3 = DEPTH 50% OR LESS OF KERNEL

E. COLOR

☐ 1

1 = WHITE 2 = AMBER 3 = RED 4 = OTHER (specify) _____

F. TEXTURE

☐ 1

1 = HARD 2 = SOFT

G. PHENOL REACTION (see instructions)

☐ ---1 = IVORY 2 = FAWN 3 = LIGHT BROWN
4 = DARK BROWN 5 = BLACK14. DISEASE: (0 = NOT TESTED; 1 = SUSCEPTIBLE; 2 = RESISTANT) 3 = moderately susceptible
4 = moderately resistant☐ 3

STEM RUST

(Res. genes) _____

☐ 0

STRIPE RUST

(Res. genes) _____

☐ 3

MILDEW

(Res. genes) _____

☐ 0*Septoria nodorum*

(Res. genes) _____

☐ 0

BYDV

(Res. genes) _____

☐ 2

SBMV

(Res. genes) _____

☐

OTHER _____

☐ 3

LEAF RUST

(Res. genes) _____

☐ 0

LOOSE SMUT

(Res. genes) _____

☐ 0

BUNT

(Res. genes) _____

☐ 0*Septoria tritici*

(Res. genes) _____

☐ 3

WSMV

(Res. genes) _____

☐ 4

SSMV

(Res. genes) _____

15. INSECT: (0 = NOT TESTED; 1 = SUSCEPTIBLE; 2 = RESISTANT)

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☐ 1

HESSIAN FLY (Res. genes) _____

☐ 0

STEM SAWFLY (Res. genes) _____

☐ 0

CEREAL LEAF BEETLE (Res. genes) _____

☐ 0

APHIDS (Res. genes) _____

☐ 0

GREENBUG (Res. genes) _____

☐ 0

RUSSIAN APHID (Res. genes) _____

☐ 0

OTHER (specify) _____

Exhibit D.
Additional Description of Oro Blanco

Oro Blanco is a hard white winter wheat bred and developed by Agripro Seeds, Inc. By contractual agreement the variety 'Oro Blanco' is currently owned by HybriTech Seed International, a unit of Monsanto Company. Oro Blanco is a high yielding, strong strawed, medium height semidwarf with early maturity. Oro Blanco is moderately susceptible to leaf rust .

Juvenile growth habit is semi-erect. Plant color at boot stage is green. Anther color is yellow. The flag leaf at boot stage is recurved and twisted. Auricle anthocyanin and auricle hairs are present. Waxy bloom is present on the stem, flag leaf sheath and head. The head is tapering, middense and awned. The glume at maturity is medium in length and narrow in width with apiculate shoulder shape and acuminate beak. Seed shape is ovate. Brush length is medium. Seed crease width is narrow and depth is shallow.

Oro Blanco is adapted to western Kansas, southwestern Nebraska, eastern Colorado, western Oklahoma, and western Texas.

Hard White Winter Wheat Data Summary

Var./Line	Heading	Maturity	Coleoptile	Height	Straw Strength	Leaf Rust Severity	Reaction	Stem Rust Severity	Reaction	Powdery Mildew	Hessian fly	WSMV	SBMV	SSMV
Oro Blanco	3	3	6	3	3	6	8	3	8	7	9	7	4	4
Rio Blanco	4	5	5	3	5	8	8	5	7	7	5	7	3	6

Data generated in 1988:

Berthoud, CO - Yield, Test Wt., Height, Lodging Severity (straw strength), Maturity, Pollination, Hessian fly (grmhee. screening) Powdery Mildew, Leaf Rust, Stem Rust (grmhee. screening)
 Salina, KS - Yield, Test Wt.
 Everest, KS - Solborne Mosaic

Data generated in 1989:

Berthoud, CO - Yield, Test Wt., Height, Heading Date, Stem Rust (grmhee. & field), Leaf Rust (grmhee)
 Nardin, OK - Yield, Test Wt., Height, Maturity, Lodging Severity (straw strength), Leaf Rust (field)
 Garden City, KS - Yield, Test Wt.
 Geneva, NE - Yield, Test Wt., Height

Data generated in 1990:

Berthoud, CO - Height, Heading, Anthracis, Coleoptile (grmhee. screening)
 Dumas, TX - Growth habit, Heading
 Salina, KS - Leaf Rust
 Grant, NE - Solborne Mosaic Virus
 Hays, KS - WSMV (Visual screening - Dr.T.J Martin).

Data generated in 1991:

Berthoud, CO - Heading, Pollination, Leaf Rust
 Dumas, TX - Heading
 Wichita, KS - Heading, Leaf Rust
 Everest, KS - Solborne, Spindle Streak
 Salina, KS - Leaf Rust
 Imperial, NE - Leaf Rust
 Hays, KS - WSMV (Visual screening - Dr.T.J Martin).

Data generated in 1992:

Berthoud, CO - Yield, Test Wt., Heading, Height, Pollination, Greenhouse Screening for:
 Coleoptile, Tan Spot, Powdery Mildew, and Hessian fly
 Salina KS - Yield, Test Wt.,
 Rome, KS - Spindle Streak
 Hays, KS - WSMV (Visual screening - Dr.T.J Martin).
 Wichita, KS - Yield, Test Wt., Septoria

Data generated in 1993:

Berthoud, CO - Yield, Test Wt., Heading, Pollination, Maturity, Height
 Garden City, KS - Yield, Test Wt.
 Geneva, NE - Solborne
 Imperial, NE - Yield, Test Wt., Lodging
 Wichita, KS - Yield, Test Wt., Septoria, Tan spot

Data generated in 1994:

Berthoud, CO - Yield, Test Wt., Heading, Pollination, Maturity, Height,
 Leaf Rust (greenhse screening), Powdery Mildew
 Garden City, KS - Yield, Test Wt., Leaf Rust
 Goodland, KS - Yield, Test Wt., Lodging, Wheat Streak
 Nardin, OK - Leaf Rust, Septoria, Tan spot
 Dumas, TX - Yield, Test Wt.
 Hereford, TX - Heading
 Hays, KS - WSMV (Visual screening).

Data generated in 1996:

Berthoud, CO - Yield, Test Wt., Heading, Leaf Rust, Lodging Severity,
 Powdery mildew
 Goodland, KS - Yield, Test Wt., Lodging Severity
 Beloit, KS - Yield, Test Wt., Tan Spot
 Salina, KS - Heading, Septoria
 Everest, KS - Spindle Streak, Solborne Mosaic Virus
 Saint John, KS - Spindle Streak
 Dumas, TX - Test Wt.
 Wichita, KS - Leaf Rust, Tan Spot

Note: Rankings in this table represent the average for a given trait on a 1-9 scale where 1 and 9 represent the extremes for the respective traits.

Trait	1	9
Heading	early	late
Maturity	early	late
Coleoptile	long	short
Height	short	tall
Straw Strength	strong	weak
All disease & insect ratings	resistant	susceptible

Oro Blanco Quality Data

YEAR: 1995

FLOUR/WHEAT QUALITY

BAKING QUALITY

YEAR-LOC	—MICROGRAM—										—CRUMB—																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																									
	WHT	FIR	PROT	14%mb	R	NIRD	YLD	FIR	ASH	PK	TIME	HT	N.U.	mm	R	%	ABS	R	min	MIX	LOAF	VOL	cc	R	R	TX	COOL	ALL	OVER																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							

RATINGS: 1-2=EXCELLENT 3-4=VERY GOOD 5=ACCEPTABLE 6-7=QUESTIONABLE 8-9=UNACCEPTABLE

COMMENTS: W=WHITE SEED

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE**EXHIBIT E**
STATEMENT OF THE BASIS OF OWNERSHIP*The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.**Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).*

1. NAME OF APPLICANT(S) HybriTech U.S., a unit of Monsanto Company	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER W88-2619W	3. VARIETY NAME Oro Blanco
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country) 5912 N. Meridan Street Wichita, Kansas 67204-1699	5. TELEPHONE (include area code) 316-755-1250	6. FAX (include area code) 316-755-0072
7. PVPO NUMBER		
8. Does the applicant own all rights to the variety? Mark an "X" in appropriate block. If no, please explain. <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		

9. Is the applicant (individual or company) a U.S. national or U.S. based company? If no, give name of country <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
10. Is the applicant the original owner? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO <i>If no, please answer one of the following:</i> a. If original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. national(s)? <input type="checkbox"/> YES <input type="checkbox"/> NO <i>If no, give name of country</i> b. If original rights to variety were owned by a company(ies), is(are) the original owner(s) a U.S. based company? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO <i>If no, give name of country</i>	

11. Additional explanation on ownership (if needed, use reverse for extra space):

*Please see following page.

PLEASE NOTE:

Plant variety protection can be afforded only to owners (not licensees) who meet one of the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definition.

According to the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 10 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in its programs on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, and marital or familial status. (Not all prohibited bases apply to all programs). Persons with disabilities who require alternative means for communication of program information (braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint, write the Secretary of Agriculture, U.S. Department of Agriculture, Washington, D.C. 20250, or call 1-800-245-6340 (voice) or (202) 720-1127 (TDD). USDA is an equal employment opportunity employer.

Exhibit E.
Statement Of The Basis Of Applicant's Ownership

The variety for which Plant Variety Protection is hereby sought was developed by Dr. John Moffatt, an employee of Agripro Seeds, Inc. By agreement between employees and Agripro Seeds, Inc., all rights to any invention, discovery, or development made by the employee while employed by Agripro Seeds, Inc., were assigned to Agripro Seeds, Inc., with no rights of any kind pertaining to 'Oro Blanco' being retained by the employees.

By contractual agreement the variety 'Oro Blanco' is currently owned by HybriTech Seed International, a unit of Monsanto Company and licensed to Agripro Seeds, Inc. for commercial use.